Potential Hazardous Waste Site Preliminary Assessment

Brook Park Sites Abrams Creek Brook Park, Ohio 44142 OHD980704191

This CERCLIS listing consists of at least four different sites - Caraven Packaging property, Brook Park City Landfill, Airport Landfill, and Naiman Corp. property, used for dumping of fired and unfired foundry sand intermingled with garbage, demolition debris and fly ash. The Brook Park Sites are located along Abrams Creek between the City of Berea and the Cleveland Hopkins Airport in Cuyahoga County. Abrams Creek is a tributary to the Rocky River which flows north to Lake Erie.

The eastern most site, owned by the Naiman corp., is located at the crossing of Abrams Creek by Eastland Road. This site was a dump location for the City of Brook Park but is currently the site of a warehouse. The Naiman Corp. bulldozed the dump and covered it with foundry sand from the Ford Motor Co. This foundry sand was placed up to the banks of Abrams Creek. Across the street from the Naiman Corp., another large building owned by Caraven Packaging was also built over foundry sand (source #3).

West of the Eastland Road site is the Brook Park City Landfill. Located just south of the International Exposition Center, this landfill reportedly took sanitary waste along with Ford Motor Co. foundry sand and oil soaked wooden blocks (source #2). The City of Brook Park was later requested to remove the oil soaked wooden blocks for proper disposal. Fill material at this site was placed into Abrams Creek altering its course 200 ft. to the south (source #3).

Another foundry sand dump site, the Grayton Road Landfill, is located further downstream at Grayton Road and west of the Brook Park City Landfill. This site is also listed as the Airport Landfill.

In a draft copy of the Rocky River Comprehensive Water Quality Report of 1985, the water quality of Abrams Creek was discussed. Phenolic concentrations found are thought to have originated from the Grayton Road and Brook Park Landfills. Effluent from the Middleburg and Brook Park Wastewater Treatment Plants are thought to be the major sources for other contaminants present in Abrams Creek (source #1).

Erosion of the bank of Abrams Creek at the above sites has caused foundry sand and other dumped materials to enter the creek's water course. The City of Brook Park was asked to remove any foundry sand and fly ash within the drainage course of Abrams Creek. These materials were to be regraded to a 4:1 slope, covered with two feet of clay, compacted, and vegetated to prevent further erosion (source #4).

The geology of the general area Abrams Creek traverses, consists of impermeable deposits of clay overlying shale or shaley sandstone. This is a very poor area for groundwater. The water supply for the area is supplied by the City of Cleveland.

US EPA RECORDS CENTER REGION 5

Even though foundry sand and fly ash has entered Abrams Creek in the past, wastewater treatment plant discharges may be responsible for current contamination. It is therefore recommended that this group of sites receive a low priority for both State/FIT activities.

Submitted by: Phil Rhodes, OEPA, DSHWM, NEDO Received by: Gary Gifford, OEPA, DSHWM, NEDO

May 30, 1986

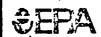
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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1-SITE INCORMATION AND ASSESSMENT

	IFICATIO			
01 STATE	02 SITE NU	MBER		
OH 1	180	704	191	

PART I-SITE INFORMA	TION AND ASSESSMENT			
II. SITE NAME AND LOCATION				
01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO , OR SPECIFIC LOCATION IDENTIFIER			
Room & Dank Cilor	Alana Cropk is			
Brook Park Sites	A & rain < Crek .> O4 STATE O5 ZIP CODE O6 COUNTY O7COUNTY O8 CONG CODE DIST			
	CODE DIST			
Brack Park O9 COORDINATES LATITUDE LONGITUDE	Ch 44142 Cuyahaga 035 20			
09 COONDINATES LATITUDE LONGITUDE	Lake wood Qual			
·				
10 DIRECTIONS TO SITE (Starting from nearest Duove road)	Whoston same Ad to Engle Rd.			
south in Engle Ad to sholden Ad.	Westen Sauce ped to Engle Rd. Westen Sheldon Rd to Grayton Rd.			
III. RESPONSIBLE PARTIES				
OIOWNER III KNOWN Thomas J. Coyne, mayor	O2 STREET (Business making residential)			
City of Brook Park	6161 Engle R&.			
03 CITY	1 1 1			
Brack Park	Oh 44142 (CIE) 433-1300			
Bruk Purk O7 OPERATOR (Il known and different from owner)	OB STREET (Business, making, residential)			
Onla Bours	allies Borne & Arek			
OBCITY Perce Boyas	HICO Bruck FIGT K			
Cleveland	ch 44/34 1 1398-3900			
13 TYPE OF OWNERSHIP (Check one)				
☐ A PRIVATE ☐ B. FEDERAL: (Agency name)	C. STATE CD.COUNTY & E. MUNICIPAL			
C F OTHER:(Specify)	C G. UNKNOWN			
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)				
A. RCRA 3001 DATE RECEIVED. ON B UNCONTROLLED WASTE SITE (CERCLA 103 C) DATE RECEIVED. MONTH DAY YEAR CO. NONE				
IV. CHARACTERIZATION OF POTENTIAL HAZARD				
TYES DATE 4 SA EPA B B EPA	A CONTRACTOR C C STATE D. OTHER CONTRACTOR ICIAL 5 F OTHER: (Society)			
CONTRACTOR NAME(S)	ASEPA-EDO (SOOCUI)			
02 SITE STATUS (Check one) 03 YEARS OF OPER	ATION			
	UK \$1983 DUNKNOWN BEGINNING YEAR ENDING YEAR			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED				
Ford Motor Company; fire and	unfired fundry sand, mill pond			
Slurry				
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION				
Groundwater (poplenu)				
surfaceuxter (popleny)				
V. PRIORITY ASSESSMENT				
01 PRIORITY FOR INSPECTION (Check one of high or medium is checked, complete an 2 - Waste Info	irmation and Part 3 - Description of Mazerdous Conditions and incidents)			
A. HIGH G B MEDIUM C. LOW	☐ D NONE (No further ection needed complete current disposition form)			
VI. INFORMATION AVAILABLE FROM				
01 CONTACT 02 OF (Agency Organi	(28100) 03 TELEPHONE NUMBER			
Gary Gifford GEPA O4 PERSON RESPONSIBLE FOR ASSESSMENT O5 AGENCY	-NEOU 2161425-9171			
04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY	- NED U 216 1425-1171			
	-NUEDO 216 425 9171 5 720 186			



POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENTIFICATION

OI STATE OZ SITE NUMBER

CH D 980 704 191

L WASTE ST	TA TES, QUANTITIES, AN	ND CHARACTERI	STICS				
	TATES (Check serinal 2001)	02 WASTE QUANTIT	TY AT SITE I waste quantifies independenti	LA TOXIC	ERISTICS (Check ad Ina) a E SOLUI SIVE F INFEC	BLE CAN HIGHLY V	IVE
I SLUDGE	G GAS	1		_ C RADIOA	CTIVE _ G FLAM	MABLE I K REACTIVABLE II L INCOMP	VE PATIBLE
TE OTHER		CUBIC YARDS _		33 2 1 2 112 21		_ M NOT AP	PLICABLE
	(Specify)	NO OF DRUMS _		<u> </u>			
IL WASTE T					г		
CORSORY	SUBSTANCE N	NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS		
20	SLUDGE						
OLW	OILY WASTE					 	
50L	SOLVENTS						
₹50	PESTICIDES						
oc c	OTHER ORGANIC C	HEMICALS					·
200	INORGANIC CHEMIC	CALS					
xc o	ACIDS						
BAS .	BASES						
₩ES	HEAVY METALS		uĸ				
IV. HAZARD	OUS SUBSTANCES -See A	Appendix for most frequent					
CA CETEGORY	02 SUBSTANCE	NAME	03 CAS NUMBER	04 STORAGE/DISE	POSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
	Phinols			· landt	(1)	UK	·
	PCB'S			landf	-	UK	
	Irad'			16.20	£,11	Lik	
	Camium			 	£.11	uK	
	Barium		 	10-4		UK	
	Bis (2-ethylexy	N. S. S. A.	 	1		uK	
	ADJA (P. CZVALCY)	DUNTROUTE		1640	£(1)	1 27	
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					·	<u> </u>	
V FEEDSTO	CKS (See Appendix for CAS Numi	shart)				_1	<u> </u>
PATEGORY			02 CAS NUMBER	CATEGORY	01 FEEDST	OCK NAME	02 CAS NUMBER
		CRITAINE	02 0/3 (10)	FDS		OCA IMAGE	UZ CASITOMSE I
FDS			 	 			
FDS			<u> </u>	FDS			
FDS			ļ	FDS			
FDS			<u> </u>	FDS			
	S OF INFORMATION 1CA					·	
* +h	cusunds of to	ns though	ht to be	present		. "D	
OEPA	-NEDO Soliá	waste F	-ile br	COKPANK;	Gruyten A	l&.	
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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

CH 0 980 704 19

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

II. HAZARDOUS CONDITIONS AND INCIDENTS			
01 T A GROUNDWATER CONTAMINATION 175,000	02 G OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	2 POTENTIAL	C ALLEGED
Impermiable deposits, Lasicall		coshele	y sandstone
very poor area for grown	nd, wuter.		
01 FB SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED Frankry sund placed directly	in conduct with al	rams C	PALLEGED TEEK
Phone memo from F.R. Mueller in the creek and on creek	to R. Korpanty Stated L. bed.	found ty	sand.
01 C CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED	02 C OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	☐ ALLEGED
01 C D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED	02 _ OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	C POTENTIAL	□ ALLEGED
01 C E DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED	02 COBSERVED (DATE) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	□ ALLEGED
01 T F CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED:	02 OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	C POTENTIAL .	☐ ALLEGED
foundry send landfills	e d		
01 G DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED	02 II OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	_ POTENTIAL	□ ALLEGED
Area scrued by muni	cipal water supply	,	
01 C H WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED.	02 C OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	□ ALLEGED
01 CT POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED	02 C OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	☐ ALLEGED

SEPA

POTENTIAL HAZARDOUS WASTE SFE PRELIMINARY ASSESSMENT

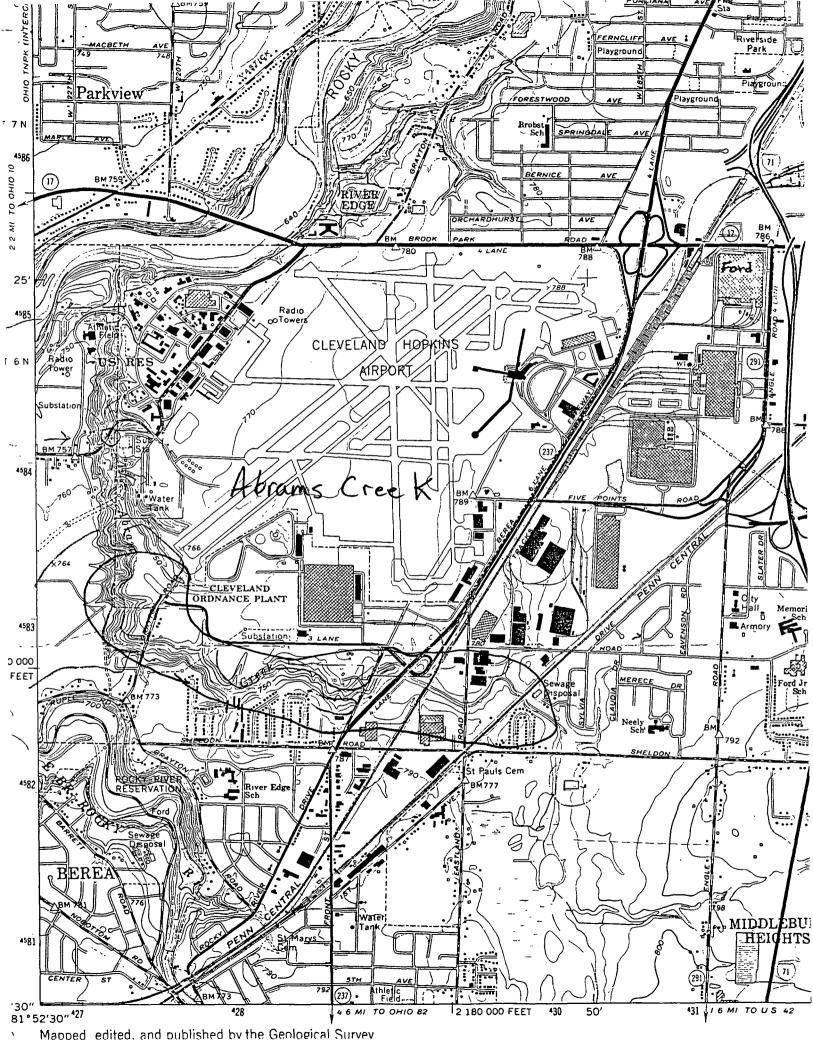
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1. IDENTIFICATION

01 STATE 02 SITE NUMBER

04 0 980704191

PART 3 - DESCRIPTION OF HAZ	ZARDOUS CONDITIONS AND INCIDEN	ns Lile	.00 10 11 1 .
II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)			
01 T J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 G OBSERVED (DATE)	D POTENTIAL .	☐ ALLEGED
UK			•>-
01 C K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (Include name(s) of species)	02 🗆 OBSERVED (DATE)	☐ POTENTIAL	☐ ALLEGED
иK			
01 ☐ L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE)	☐ POTENTIAL	☐ ALLEGED
UK	•	,	
OT _ M. UNSTABLE CONTAINMENT OF WASTES (Spills/nunoit/standing inquids leaking drums) O3 POPULATION POTENTIALLY AFFECTED	02 🗇 OBSERVED (DATE) 04 NARRATIVE DESCRIPTION		☐ ALLEGED
some materials placed near the Creek via erosion	the bunks of A	brams Cre	ek entere
01 _ N DAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 □ OBSERVED (DATE)	☐ POTENTIAL	C ALLEGED .
uk			
01 _ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 04 NARRATIVE DESCRIPTION	OZ OBSERVED (DATE)	D POTENTIAL	□ ALLEGED
01 T P ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 G OBSERVED (DATE)	☐ POTENTIAL	C ALLEGED
	· .		
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEG	GED HAZARDS		
III. TOTAL POPULATION POTENTIALLY AFFECTED:	75,000		
IV. COMMENTS			
	-		
V. SOURCES OF INFORMATION .C.to specific references, e.g. state lifes.	Samole against (ADMIS)		
CEPA-NEDU Solid Was		K - 62-11	Pá li
OFPA-NEIDO SOLIA Was	TE FILE ; BIOCK PAR	- Orayma	<i>~</i> € ¥



PA DOCUMENTATI	ON SHEET SITE Brook Pack Site 1DENTIFICATION NUMBER OH 0 580 704 191
SOURCE NUMBER	DESCRIPTION OF SOURCE .
#1	Druft-Rocky River CWQR -1985
#2	Letter October 22, 1980 from Dan Papele
	OSC USEPA to may well of brook Park
#3	Letter - August 22,1978 from Johan Wilson
	to Ronald Mustard Durector, Office of Frederal
	activities.
#4	Letter - August 13, 1979 from Jack Burgan (OFPA) to Mayor & Council of Brook Park.
	to Mayor & Council of Brook Park.
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